

Amendments to the Specification

Please replace the title at page 1, lines 1-2 with the following amended title:

~~NOVEL~~ ANTIBODIES AND LIGANDS FOR "BONZO" CHEMOKINE RECEPTOR

Please replace the RELATED APPLICATIONS paragraph at page 1 (introduced by Preliminary Amendment) with the following amended paragraph:

RELATED APPLICATIONS

This application is a divisional of U.S. Application No. 09/449,437, filed November 24, 1999 (now U.S. Patent No. 6,319,675 B1), the entire teachings of which are incorporated herein by reference.

Please replace the title at page 87, lines 1-2 with the following amended title:

~~NOVEL~~ ANTIBODIES AND LIGANDS FOR "BONZO" CHEMOKINE RECEPTOR

Please replace the abstract at page 87, lines 4 through 19 with the following amended abstract:

The invention relates to an antibody or antigen-binding fragment thereof which binds to the CXC chemokine receptor Bonzo (also referred to as STRL33, TYMSTR, HBMBU14 and CXCR6) and blocks the binding of a ligand (e.g., SExCkine (also referred to as chemokine alpha-5 and CXCL16) to the receptor. The invention also relates to a method of identifying agents (molecules, compounds) which can bind to Bonzo and inhibit the binding of a ligand (e.g., SExCkine) and/or modulate a function of Bonzo. ~~The invention relates to an antibody or antigen-binding fragment thereof which binds to the CXC chemokine SExCkine (also referred to as chemokine alpha-5) and inhibit binding of SExCkine to receptor (e.g., Bonzo). The invention also relates to targeting molecules which contain a first binding moiety which binds to mammalian Bonzo and a second binding moiety which binds to a molecule expressed on the surface of a target cell. The invention also relates to a method of promoting and/or effectuating the interaction of a Bonzo⁺ cell and a target cell.~~ The invention further relates to a method of modulating a function of Bonzo, and to the use of the antibodies, antigen-binding fragments, targeting molecules and agents identified by the method of the invention in research, therapeutic, prophylactic and diagnostic methods.